

## EAST Search History

Ref #	Hits	Search Query	DBs	Default Operator	Plurals	Time Stamp
L1	615	345/107.ccls.	US-PGPUB; USPAT	OR	ON	2006/12/04 15:38
L2	361	345/107.ccls. and ("side walls" or walls)	US-PGPUB; USPAT	OR	ON	2006/12/04 15:38
L3	23	345/107.ccls. and ("side walls" or walls) and dielectrophoretic	US-PGPUB; USPAT	OR	ON	2006/12/04 15:39
S1	118	"electrophoretic".ab. and "345"/\$.ccls.	USPAT	OR	ON	2004/07/14 08:56
S2	6	"electrophoretic".ab. and "345"/\$.ccls. and walls.ab.	USPAT	OR	ON	2004/08/22 23:30
S3	56	"electrophoretic".ab. and walls.ab.	USPAT	OR	ON	2004/07/14 08:59
S4	2	"dielectrophoretic".ab. and "345"/\$.ccls.	USPAT	OR	ON	2004/08/22 23:12
S5	1	"6639580".pn. and (particles or wall or fluid or liquid or charged)	USPAT	OR	ON	2004/08/22 23:13
S6	2	"electrophoretic".ab. and "345"/\$.ccls. and AC.ab.	USPAT	OR	ON	2004/08/22 23:35
S7	4	"electrophoretic".ab. and AC.ab.	USPAT	OR	ON	2004/08/22 23:36
S8	4	"electrophoretic".ab. and AC.ab.	US-PGPUB; USPAT	OR	ON	2004/08/22 23:36
S9	181	"electrophoretic".ab. and AC	US-PGPUB; USPAT	OR	ON	2004/08/22 23:36
S10	181	"electrophoretic".ab. and AC	US-PGPUB; USPAT	OR	ON	2004/08/23 00:06
S11	15	"electrophoretic".ab. and AC.clm.	US-PGPUB; USPAT	OR	ON	2004/08/23 00:16
S12	8	345/107.ccls. and AC.clm.	US-PGPUB; USPAT	OR	ON	2004/08/23 02:56
S13	102	345/107.ccls. and AC	US-PGPUB; USPAT	OR	ON	2004/08/23 04:54
S14	23	345/107.ccls. and AC and (positive with negative with particle)	US-PGPUB; USPAT	OR	ON	2004/08/23 00:23
S15	13	345/107.ccls. and "alternating current" and (positive with negative with particle)	US-PGPUB; USPAT	OR	ON	2004/08/23 00:23
S16	9	electrophoretic and AC	EPO; JPO	OR	ON	2004/08/23 02:58
S17	4839	electrophoretic and AC	US-PGPUB; USPAT	OR	ON	2004/08/23 02:58
S18	308	(electrophoretic with display) and AC	US-PGPUB; USPAT	OR	ON	2004/08/23 02:59
S19	266	(electrophoretic with display) and AC and particle	US-PGPUB; USPAT	OR	ON	2004/08/23 03:01

## EAST Search History

S20	18	(electrophoretic with display) and AC. clm. and particle	US-PGPUB; USPAT	OR	ON	2004/08/23 03:20
S21	8	345/107.ccls. and AC.clm.	US-PGPUB; USPAT	OR	ON	2004/08/23 03:26
S22	6	345/107.ccls. and "alternating current".clm.	US-PGPUB; USPAT	OR	ON	2004/08/23 04:34
S23	1	"6597340".pn.	US-PGPUB; USPAT	OR	ON	2004/08/23 04:39
S24	1	"6025896".pn.	US-PGPUB; USPAT	OR	ON	2004/08/23 05:04
S25	326	345/107.ccls.	US-PGPUB; USPAT	OR	ON	2004/08/23 04:55
S26	1	"5961804".pn.	US-PGPUB; USPAT	OR	ON	2004/08/23 05:05
S27	1	"5961804".pn. and (substatre or particle or wall or side or AC)	US-PGPUB; USPAT	OR	ON	2004/08/23 05:16
S28	1	"5961804".pn. and (fliud or liquid or substatre or particle or wall or side or AC)	US-PGPUB; USPAT	OR	ON	2004/08/23 05:42
S29	1	"5961804".pn. and (color or reflect or reflective or electrode or reflecting)	US-PGPUB; USPAT	OR	OFF	2004/08/23 07:26
S30	1	"5961804".pn. and (color or reflect or reflective or electrode or reflecting or colored)	US-PGPUB; USPAT	OR	OFF	2004/08/23 08:40
S31	1	"5961804".pn. and (substrate or black or carbon or backing or back or cover)	US-PGPUB; USPAT	OR	OFF	2005/07/02 15:11
S32	1	"5961804".pn. and (substrate or black or carbon or backing or back or cover)	US-PGPUB; USPAT	OR	ON	2004/08/23 08:43
S33	1	"5731792".pn. and (electro\$7 or side or wall or AC or alternating)	US-PGPUB; USPAT	OR	OFF	2005/07/02 15:13
S34	1	"5731792".pn. and (electrop\$7 or electroc\$7 or side or wall or AC or alternating)	US-PGPUB; USPAT	OR	OFF	2005/07/02 15:14
S35	1	"5731792".pn. and (electrop\$9 or electroc\$9 or side or wall or AC or alternating)	US-PGPUB; USPAT	OR	OFF	2005/07/02 17:38
S36	4	"10/687,166"	US-PGPUB; USPAT	OR	OFF	2005/07/02 19:07
S37	0	sheridon.in. and dielectrophoretic	US-PGPUB; USPAT	OR	OFF	2005/07/02 18:10
S38	0	sheridon.in. and dielectrophoreis	US-PGPUB; USPAT	OR	OFF	2005/07/02 18:10
S39	0	sheridon.in. and dielectrophoresis	US-PGPUB; USPAT	OR	ON	2005/07/02 18:10

## EAST Search History

S40	288	electrophoretic and dielectrophoresis	US-PGPUB; USPAT	OR	ON	2005/07/02 18:11
S41	192	electrophoretic and dielectrophoresis and (AC or "alternating field" or "non uniform field")	US-PGPUB; USPAT	OR	ON	2005/07/02 18:12
S42	90	electrophoretic and dielectrophoresis and (AC or "alternating field" or "non uniform field") and display	US-PGPUB; USPAT	OR	ON	2005/07/02 18:18
S43	0	electrophoretic and dielectrophoresis and 345/107.ccls.	US-PGPUB; USPAT	OR	ON	2005/07/02 18:18
S44	2	dielectrophoresis and 345/107.ccls.	US-PGPUB; USPAT	OR	ON	2005/07/02 18:20
S45	71	("4418346" or "4402062").uref.	US-PGPUB; USPAT	OR	ON	2005/07/02 18:27
S46	3	345/107.ccls. and dielectrophoretic. clm.	US-PGPUB; USPAT	OR	ON	2005/07/02 18:27
S47	20	"dielectrophoretic movement"	US-PGPUB; USPAT	OR	OFF	2005/07/02 19:41
S48	4	345/107.ccls. and (nonuniform with "electric field")	US-PGPUB; USPAT	OR	ON	2005/07/02 19:42
S49	51	electrophoretic and (nonuniform with "electric field")	US-PGPUB; USPAT	OR	ON	2005/07/03 13:42
S50	0	sheridon.in. and (nonuniform with "electric field")	US-PGPUB; USPAT	OR	ON	2005/07/03 13:43
S51	15	sheridon.in. and (alternating with "electric field")	US-PGPUB; USPAT	OR	ON	2005/07/03 13:46
S52	403	electrophoretic and (alternating with "electric field")	US-PGPUB; USPAT	OR	ON	2005/07/03 13:46
S53	355	electrophoretic and (alternating with "electric field") and liquid	US-PGPUB; USPAT	OR	ON	2005/07/03 13:46
S54	106	electrophoretic and (alternating with "electric field") and liquid and display. clm.	US-PGPUB; USPAT	OR	ON	2005/07/03 14:06
S55	19	electrophoretic and (alternating with "electric field") and liquid and display. clm. and spread\$4	US-PGPUB; USPAT	OR	ON	2005/07/03 18:23
S56	35	electrophoretic and (alternating with "electric field") and mobility and 345/107.ccls.	US-PGPUB; USPAT	OR	ON	2005/07/03 18:24
S57	103	electrophoretic and mobility and 345/107.ccls.	US-PGPUB; USPAT	OR	ON	2005/07/03 18:24
S58	0	345/107.ccls. and black and white and AC and DC and electrohoretic	US-PGPUB; USPAT	OR	ON	2005/07/05 10:25
S59	69	345/107.ccls. and black and white and AC and DC and electrophoretic	US-PGPUB; USPAT	OR	ON	2005/07/05 10:26

## EAST Search History

S60	84	345/107.ccls. and black and white and AC and DC	US-PGPUB; USPAT	OR	ON	2005/07/05 11:54
S61	3	345/107.ccls. and dielectrophoretic. clm.	US-PGPUB; USPAT	OR	ON	2005/07/05 11:54
S62	5	10/687,166	US-PGPUB; USPAT	OR	ON	2006/01/10 15:07
S63	1	10/687,166 and "backing"	US-PGPUB; USPAT	OR	ON	2006/01/10 15:09
S64	3	("5731792" or "5582700" or "3756693").pn.	US-PGPUB; USPAT	OR	ON	2006/01/10 15:29
S65	1	"backing member" and dielectrophoretic	US-PGPUB; USPAT	OR	ON	2006/01/10 16:11
S66	244	"color" and dielectrophoretic	US-PGPUB; USPAT	OR	ON	2006/01/10 16:49
S67	67	("4411495" or "3697150" or "3960439" or "4012118" or "4012121").uref.	US-PGPUB; USPAT	OR	ON	2006/01/10 17:11
S68	4	("4411495" or "3697150" or "3960439" or "4012118" or "4012121").uref. and dielectrophoretic	US-PGPUB; USPAT	OR	ON	2006/01/10 17:12
S69	1	"3642348".pn.	US-PGPUB; USPAT	OR	ON	2006/01/11 14:08
S70	0	"4418346".pn. and (electrophoretic and dielectrophoretic)	US-PGPUB; USPAT	OR	ON	2006/01/11 14:09
S71	1	"4418346".pn. and ( dielectrophoretic)	US-PGPUB; USPAT	OR	ON	2006/01/12 14:12
S72	15	"4418346".uref. and ( dielectrophoretic)	US-PGPUB; USPAT	OR	ON	2006/01/11 14:39
S73	0	electrocapillary same electrophoretic same dielectrophoretic	US-PGPUB; USPAT	OR	ON	2006/01/12 10:44
S74	0	electrocapillary and electrophoretic and dielectrophoretic	US-PGPUB; USPAT	OR	ON	2006/01/12 10:44
S75	0	electrocapillary same electrophoretic same dielectrophoretic	US-PGPUB; USPAT	OR	ON	2006/01/12 10:44
S76	1	electrocapillary and electrophoretic and dielectrophoretic	US-PGPUB; USPAT	OR	ON	2006/01/12 10:50
S77	1	electrocapillary and dielectrophoretic	US-PGPUB; USPAT	OR	ON	2006/01/12 10:46
S78	5	electrocapillary and electrophoretic	US-PGPUB; USPAT	OR	ON	2006/01/12 10:46
S79	2	electrocapillary and dielectrophoresis	US-PGPUB; USPAT	OR	ON	2006/01/12 10:50
S80	737	dielectrophoresis	US-PGPUB; USPAT	OR	ON	2006/01/12 10:51

## EAST Search History

S81	118	dielectrophoresis and AC and DC and display	US-PGPUB; USPAT	OR	ON	2006/01/12 10:51
S82	105	dielectrophoresis and AC and DC and display and particle	US-PGPUB; USPAT	OR	ON	2006/01/12 10:57
S83	77	dielectrophoresis and AC and DC and display and electrophoretic	US-PGPUB; USPAT	OR	ON	2006/01/12 10:59
S84	2	dielectrophoresis and 345/107.ccls.	US-PGPUB; USPAT	OR	ON	2006/01/12 10:59
S85	737	dielectrophoresis	US-PGPUB; USPAT	OR	ON	2006/01/12 11:08
S86	55	dielectrophoresis and electrophoretic. clm.	US-PGPUB; USPAT	OR	ON	2006/01/12 11:08
S87	5	"10/687,166"	US-PGPUB; USPAT	OR	ON	2006/01/12 14:12